

ABSTRACT

A compound represented by the following formula (I), a prodrug thereof, or a pharmaceutically acceptable salt of either. These are compounds having high DPP-IV inhibitory activity and improved in safety, nontoxicity, etc. (I) [In the formula, R¹ represents hydrogen, optionally substituted alkyl, etc.; the solid line and dotted line between A¹ and A² indicate a double bond (A¹=A²), etc.; A¹ represents a group represented by the formula C(R²), etc.; A² represents a group represented by the formula C(R⁴), etc.; R² represents hydrogen, optionally substituted alkyl, etc.; R⁴ represents hydrogen, optionally substituted alkyl, etc.; R⁶ represents hydrogen, optionally substituted aryl, etc.; and -Y represents, e.g.; a group represented by the formula (A): (A) (wherein m₁ is 0, 1, 2, or 3; and R⁷ is absent, or one or two R⁷'s are present and each independently represents optionally substituted alkyl, etc.)]